

ABSTRACT

A laminated dielectric filter is formed by coupling a plurality of resonators to one another by electromagnetic-field coupling. In the
5 laminated dielectric filter, a bypass circuit formed of a series circuit including bypass capacitors and transmission lines is provided in parallel to a magnetic-field bypass coupling between non-adjacent resonators. Thus, capacitance of the bypass capacitors can be regulated without being affected by the magnetic-field bypass coupling between the non-adjacent resonators.
10 As a result, attenuation poles outside a passband can be controlled freely.